Job Code: AEE-SBR/87/18-19 10/01/19

Original/Duplicate/Triplicate

(Date: .....)

CONTRACT CERTIFICATE

(For other works)

Bill No: 2nd & Final bill

Date:

Division : Deputy Conservator of Forests (Lakes)

Sub-Division - AEE (Lakes)

Bill Received No: ..... Dated : ..... Cash Book .....

Voucher No:

Dated: .....

Schedule Docket No: .....

Head of Account :

Name of the Work: Development of Doddabommasandra Lake, Phase 2, Bangalore

Name of the Contractor & Address: Sri. B. Arunkumar

Reference to Agreement No: EE-2/Lakes/AG/22/2016-17, Dated :01/07/2016

Certified that the measurements were taken by me on 10/1/19 and recorded on pages 135785 - 135788 of Measurement Book No. 1358 and the work is satisfactorily executed.

Contractor

Officer- in charge of work.

Certified that the measurement were checked by me on 10/1/19 and found correct
The work is satisfactorily executed.
Certified that the Quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer 10/1/19

Memorandum of payment

1	Total value of work done or supplies made as per the account within			
2	Deduct amount to be held in reserve being ..... percent Rs.	TVWD -		5204390/=
3	" Balance			5054590/=
4	Deduct payments			
	a) Amount of previous payment as in the office cash book voucher No. ..... Dated ..... S D No..... Amount adjusted towards cash advance recovery of	2nd & Final GST @ 2% PSD		1497650/= 14980/=
	b) Payments cost store or other materials supplied Now made recovery of amount creditable of this/other work. Amount paid on this bill Cheque/ Cash.	GST @ 2% IT KST Royalty CBF BWF		14980/= 33680/= 14980/= 1500/= 13950/=
5	Balance being unpaid value of work done held in reserve.			94070/=
6	Deduct cash advance made on the office Cash Book Voucher No. Dated ..... less adjustments.	Cheque		1403580/=
7	Net amount due to or from Contractor. Unadjusted items			
8	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.			

Check measured by DCF on In MB No. In page No.

Contractor

Received Rs. .....

(in words) .....

By Cash & by adjustment of Payment as per memorandum

Witness :
1
2

Dated Stamp

Contractor

Paid by me by Cheque No. ..... Dated:.....

Cash Rs. ..... Dated:.....

Initials of Officer making Payment

Audited and admitted for Rs. 1497650/=

Passed for Rs. 1403580/= Forfeit Cash Three Thousand Five Hundred Eighty Only

By Cheque For Rs. 94070/=

By Adjustment

A.S./AO

Deputy Conservator of Forest (Lakes)

Deputy Conservator of Forests (Lakes), BDM.

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Development of Doddabommasandra Lake, Phase 2, Bangalore

RA bill 2nd & Final

Item. No.	Description of item	Approved Modified BOQ		Unit	Previous Measurements		Present Measurements			Upto date Measurments	
		Quantity	Rate		Qty	Cost	Qty	Rate	Cost	Qty	Cost
1	2	3	4	5	6	7	8	9	10	11	12
2	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification As directed by the engineer in charge	136.47	5575.00	Cum	136.45	760697.18	0.00	-	-	136.45	7,60,697.18
8	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification As directed by the engineer in charge	157.65	5100.00	cum	157.65	804007.35	0.00	-	-	157.65	8,04,007.35
9	KSRB 5.2-3:Providing and constructing granite / trap / basalt size stone masonry in foundation CM 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m apart in eachcourse including cost of all materials, labour,curing complete as per specifications.Specification As directed by the engineer in charge	454.80	4000.0	cum	454.80	1819200.00	0.00	-	-	454.80	18,19,200.00
		627.82	4314.03	cum	627.76	2708178.45	0.00	-	-	627.76	27,08,178.45
11	KSRB 2-3:Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with alead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specifications As directed by the engineer in charge	93.00	124.0	cum	93.00	11532.00	0.00	-	-	93.00	11,532.00
145	Providing & Fixing Polished grey granite slab benches of size 5 feet width of seating slab with bottom slab of 75mm thick with 1.50 ft with back rest slab of 50mm thick with 1.50ft depth side and slab of 100mm thick 2.50ft height including bull nosing of all indges including fixing in CC 1:2:4 including loading and unloading and with all lead and lift etc, complete and excecuting the work as per the directions of the engineer in charge of the work. CE approved Rate	25.00	11183.00	no	25.00	279575.00	0.00	-	-	25.00	2,79,575.00
EI-1	Dewatering by mechanical means using 5 HP diesel pump including hire charges of machinery, fuel and crew charges etc., complete as per the direction of the Engineer- in charge of work	960.00	152.63	Hour	960.00	146527.14	0.00	-	-	960.00	1,46,527.14
EI-2	Excavation and removal of silt or silt mixed with sand in slushy condition from canal bed including disposing off the same in spoil bank or on the canal embankment in layers as directed etc., complete with initial lead up to 15 km and all lifts.	25489.80	345.12	cum	25475.17	8792083.15	0.00	-	-	25475.17	87,92,083.15

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Item. No.	Description of item	Approved Modified BOQ	
		Quantity	Rate
1	2	3	4
EI-3	De-silting tank bed/ Feeder channel in dry condition by excavating the deposited bed material and disposing off the same as directed including cost of all machinery, labour etc., complete with lead up to 1 km and all lifts.	269700.00	69.09
EI-4	Extra lead for dumping the excavated quantity of silt to dump yard upto 10 Km as per the directions of the engineer in charge of work	40000.00	90.24
EI-5	Extra lead for dumping the excavated quantity of silt to dump yard upto 15 Km as per the directions of the engineer in charge of work	19000.00	138.60
EI-6	Providing new embankment abutting to existing bund to strength the existing bund using soil available in adjacent area in layers of 200 to 250 mm and compacting each layer to density control of not less than 95 percent by vibrating plate compactor or pneumatic tamper including cost of all materials, machinery, labour, picking previous layer, spreading soil in layer, breaking clods, watering etc., complete with lead up to 50 m and all lifts.	47500.00	126.49
EI-7	Excavation for foundation in all kinds of soil including boulders up to 0.60 m dia (0.113 cum) for dam, barrage, spillway, intake structure and other appurtenant works and placing the excavated soil neatly in dump area or disposing off the same as directed etc., complete with initial lead up to 1 km and all lifts.	658.87	79.72
EI-8	Providing and laying Pitching on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical specifications A. Stone / Boulder	2851.12	1407.22
EI-9	Providing and constructing rock fill embankment with 300 mm downgraded stones and quarry spalls from approved source including cost of all materials, machinery, labour, spreading stones and spalls in layers, hand packing, wedging, finishing the surface to required slopes etc., complete with initial lead up to 20 km and all lifts	450.00	695.99
EI-10	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1 :2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading,lead and lift, transportation etc., complete.	2756.00	334.62
EI-11	Providing casing embankment using semi-pervious soil from approved borrow areas in layers of 250 to 300 mm before compaction including cost of all materials, machinery, labour, all other operations such as excavation, sorting out, transportation, spreading soil to specified thickness, breaking clods, sectioning, watering, compacting to density control of not less than 95 percent using power roller etc., complete with lead up to 35 km and all lifts. (Hosakote Gravel)	465.00	486.70

Unit	Previous Measurements		Present Measurements			Upto date Measurments	
	Qty	Cost	Qty	Rate	Cost	Qty	Cost
5	6	7	8	9	10	11	12
cum	269612.69	18627136.33	0.00	-	-	269612.69	1,86,27,136.33
cum	40000.00	3609608.40	0.00	-	-	40000.00	36,09,608.40
cum	19000.00	2633441.04	0.00	-	-	19000.00	26,33,441.04
cum	47500.00	6008042.25	0.00	-	-	47500.00	60,08,042.25
cum	658.75	52513.97	0.00	-	-	658.75	52,513.97
cum	2170.15	3053871.61	680.88	1,407.22	9,58,147.22	2851.03	40,12,018.83
Cum	0.00	0.00	450.00	695.99	3,13,194.11	450.00	3,13,194.11
nos.	2756.00	922218.72	0.00	-	-	2756.00	9,22,218.72
Cum	0.00	0.00	465.00	486.70	2,26,316.39	465.00	2,26,316.39

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Item. No.	Description of item	Approved Modified BOQ	
		Quantity	Rate
1	2	3	4
EI-12	Providing and laying Hariyala or other approved quality turfing sods for the slopes of earthen embankments over 20 mm thick sand backing including cost of all materials, machinery, labour including preparing surface, spreading sand including tamping, watering for 15 days etc., complete with lead up to 15 km and all lifts.	2400.00	132.33

Unit	Previous Measurements		Present Measurements			Upto date Measurments	
	Qty	Cost	Qty	Rate	Cost	Qty	Cost
5	6	7	8	9	10	11	12
Sqm	2400.00	317594.52	0.00	-	-	2400.00	3,17,594.52
	TOTAL	**50546227.12**			**1497657.72**		**52043884.84**
				Say	**1497657.00**		

The Total Amount of II and Final bill is Rupees fourteen lakhs ninety seven thousand six hundred fifty seven only

Certificate:

1 The contractor has completed the work as per the specification and drawing satisfactorily.
2 There is no departmental isssue to the contractor.
3 The contractor has cleared the debris from the work spot.
4 The amount claimed in this bill is not claimed in any of the previous bills.

Environmental Engineer
Lakes, BBMP

10/1/24

Asst. Executive Engineer
Lakes, BBMP

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